

Mercer County



MERCER

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33 West Shore Drive

33 West Shore Drive

Hopewell Borough

Mercer County

BLOCK: 43.24 **LOT:** 53

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Private Residence
OPERATION STATUS: Not Applicable

PROPERTY SIZE: 0.5 acre

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Surface Water

CONTAMINANTS

#2 Fuel Oil

STATUS

Removed

Soil

#2 Fuel Oil

Confirmed

FUNDING SOURCES

1986 Bond Fund

AMOUNT AUTHORIZED

\$24,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In January 1997, NJDEP was notified of an oil spill in the creek behind this private residence. Upon inspection of the site, NJDEP observed that a two mile length of the creek was contaminated with #2 fuel oil. The source of the discharge was determined to be a leaking underground heating oil tank at the residence. Fuel oil from the leaking tank had entered the french drain system in the house, collected in a basement sump and was discharging to the creek through a four inch diameter PVC pipe. At the time of the inspection the sump contained approximately one foot of free product. NJDEP emptied the underground storage tank and removed contaminated soil from the banks of the creek; however, fuel oil continued to discharge to the creek from the pipe when it rained. NJDEP has been unable to obtain permission to enter the property to remove the underground heating oil storage tank and any contaminated soil that may contributing to the problem. The site has been referred to NJDEP's enforcement unit to gain access to the property.

PROJECT NAME

RI/RAS

DESIGN

CONSTR

O&M

Sitewide



 Planned

 Underway

 Completed

 Not Required

398 Olden Avenue

398 Olden Avenue

Trenton City

Mercer County

BLOCK: 202D **LOT:** 181
BLOCK: 202E **LOT:** 160, 162

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Stations
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.6 Acres (total)

SURROUNDING LAND USE: Commercial/Residential













MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Volatile Organic Compounds	Potential
Soil	Volatile Organic Compounds	Potential
Air	Volatile Organic Compounds	Potential

FUNDING SOURCES
Corporate Business Tax

AMOUNT AUTHORIZED
\$336,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site consists of two abandoned gasoline service stations located in close proximity to one another. One, known as Frank's Service Station, is located on the corner of North Olden Avenue and Dickinson Street. The other is known as Tex's Service Station and is located on the corner of North Olden Avenue and Lawrence Street. Each is approximately 0.3 acres in size. Between the two former service stations is an industrial blacksmith building. In 1993, the local electric and gas company alerted NJDEP that heavy gasoline odors were present in an underground utility vault located near the sites. NJDEP investigated and determined that the gasoline vapors in the vault were approaching explosive levels. An inspection of the underground storage tanks at both of the former service stations revealed that some of the tanks still had petroleum product in them. NJDEP's Bureau of Underground Storage Tanks subsequently issued directives to two current and former owners of the properties requiring them to address the vapor hazard in the utility vault, properly close the underground storage tanks, delineate the extent of the contamination in the soil and ground water and conduct the necessary remedial activities, but they did not comply. In 1999, NJDEP's Division of Publicly Funded Site Remediation began a Remedial Investigation and Remedial Action Selection (RI/RAS) to determine the extent of the contamination in the soil and ground water at the former gas stations and evaluate remedial alternatives. NJDEP plans to conduct an Interim Remedial Measure (IRM) during the spring of 2000 to remove the underground storage tanks from both sites.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
UST Removal IRM					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Hopewell Borough Water Department Well 4

Louellen Street and Model Avenue Hopewell Borough

Mercer County

BLOCK: 13 **LOT:** 1

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES








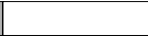




Spill Fund

AMOUNT AUTHORIZED

\$68,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Municipal Well 4 provides water for approximately one-third of Hopewell Borough's daily demand. Routine sampling conducted by the Borough in 1993 revealed that the well was contaminated with volatile organic compounds. NJDEP subsequently installed a carbon treatment system on the well as an Interim Remedial Measure (IRM). The Borough plans to install an aeration system as a permanent solution using Spill Fund monies provided by NJDEP. NJDEP is conducting a preliminary assessment and site investigation to determine the source of the ground water contamination.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (Carbon)					 Planned
Receptor Control (Aeration)					 Underway
					 Completed
					 Not Required

Princeton Farms Ground Water Contamination

Moores Mill-Mount Rose Road and Howard Way

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Tetrachloroethylene

STATUS

Confirmed

Potable Water

Tetrachloroethylene

Treating

FUNDING SOURCES









Spill Fund

AMOUNT AUTHORIZED

\$19,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1995, the local health department determined that twelve private potable wells in this area were contaminated with tetrachloroethylene (also known as perchloroethylene, or PCE). NJDEP subsequently installed Point-Of-Entry Treatment (POET) water filtration systems in the twelve homes to provide potable water for the residents. In 1997, NJDEP completed a Remedial Action Selection (RAS) for the site that concluded the continued use of POETs in the affected homes was the most cost-effective long-term solution. NJDEP is monitoring and maintaining the POETs to ensure that the units continue to operate effectively. NJDEP is also conducting a preliminary assessment and site investigation to identify possible sources of the ground water contamination.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required

Smokey's Servicenter

1005 Chambers Street

Trenton City

Mercer County

BLOCK: 185 **LOT:** 100

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Auto Repair
OPERATION STATUS: Active

PROPERTY SIZE: 0.25 Acre

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Petroleum Hydrocarbons
Gasoline

STATUS

Levels Not of Concern

Soil

Petroleum Hydrocarbons
Gasoline

Removed

FUNDING SOURCES

Spill Fund
1986 Bond Fund













AMOUNT AUTHORIZED

\$1,500
\$139,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1992, NJDEP was notified by a resident that hazardous substances were discharging from an underground storage tank at this site. Subsequent inspections by NJDEP revealed a number of areas of concern, including the suspected locations and former locations of several underground storage tanks and areas of heavily contaminated soil due to the direct discharge of waste fluids onto the ground. NJDEP directed the owner of the auto repair station to install a fence around the site, but the fence that the owner installed was not adequate to prevent access by neighborhood children. NJDEP subsequently erected a fence around a portion of the site to address this deficiency.

In early 1996, NJDEP completed a Remedial Investigation (RI) which confirmed the presence of seven underground storage tanks and delineated approximately 300 tons of surface and subsurface contaminated soil. Later that year, NJDEP excavated the underground storage tanks and the contaminated soil, backfilled the excavations with clean soil and installed five monitor wells to evaluate ground water quality. The post-excavation ground water sampling has shown that levels of contaminants in the ground water are below New Jersey Drinking Water Standards. No additional remedial actions are planned for this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
UST Removal					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

The Kings Path Ground Water Contamination

The Kings Path

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax













AMOUNT AUTHORIZED

\$5,000

\$12,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling of private potable wells in this area by the Hopewell Township Health Department in 1999 revealed that seven wells were contaminated with the volatile organic compounds trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE) at levels exceeding New Jersey Drinking Water Standards. NJDEP installed Point-of-Entry Treatment (POET) water filtration systems on the affected wells as an interim remedy to provide potable water for the residents. In late 1999 and early 2000, NJDEP sampled 15 additional private potable wells in the vicinity to further delineate the extent of the ground water contamination. The results of the private well sampling will be used to identify the most cost-effective long-term solution to provide potable water to the affected residences. NJDEP is conducting an area-wide investigation to identify sources that may be contributing to the ground water contamination.

PROJECT NAME	R/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Trenton Fibre Drum Company Inc.

1545 New York Avenue

Lawrence Township

Mercer County

BLOCK: 408 **LOTS:** 1-19

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Drum Reconditioning
OPERATION STATUS: Inactive

PROPERTY SIZE: 2 Acres

SURROUNDING LAND USE: Industrial/Commercial/Residential

MEDIA AFFECTED

CONTAMINANTS

STATUS

Ground Water

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Pesticides
Metals

Delineating

Soil

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Pesticides
Metals

Delineating

Surface Water

Semi-Volatile Organic Compounds
Pesticides
Metals

Delineating

Sediments

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Metals

Delineating

Building Interior
(Foundation)

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Metals

Delineating

FUNDING SOURCES

AMOUNT AUTHORIZED

1986 Bond Fund

\$41,000

Corporate Business Tax













\$452,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Trenton Fibre Drum Company operated as a steel and fiber drum reconditioning facility from 1965 to 1985. The building has been demolished and except for the foundation which remains at the site, the property is a vacant lot. When operations ceased drums of chemical wastes were left at the site. USEPA conducted a preliminary investigation of the site in 1985, which included sampling of the surface soil and surface water and sediment and surface water in a nearby ditch. The results of the sampling confirmed the presence of organic compounds and metals. In 1991, USEPA sampled and removed 1,000 drums, collected additional soil samples and removed a 550-gallon underground gasoline storage tank. The Township of Lawrence and NJDEP subsequently entered into a Memorandum of Agreement (MOA) in which the Township agreed to investigate the extent of the contamination at the property. The Township completed a Preliminary Assessment Report and Site Investigation Report in 1997 that concluded numerous spills and subsurface sources had contaminated the soil, surface water and ground water and that the contamination was migrating off site. However, the Township terminated the MOA in 1997 before a full Remedial Investigation (RI) was conducted. NJDEP's Division of Publicly Funded Site Remediation initiated a RI to delineate the nature and extent of the contamination at the site in 1999.

Trenton Fibre Drum Company Inc.

(Continued from previous page)

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
IRM (Drum Removal)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required